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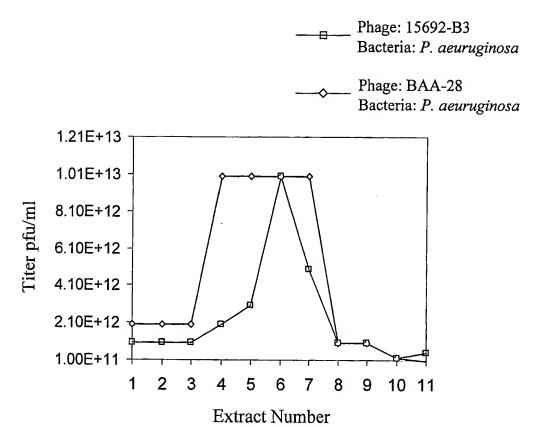


FIG. 1

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Preparation of semi-solid composition:

- •10 isolated phage plaques
- •109 to 1010 cfu of the matching bacterial strain
- •60 ml of rich medium at agar concentration of 0.27%

Tray preparation:

Spreading 250 ml of rich medium at agar concentration of 1.5% on 60x60x5 cm plastic trays. 25 trays are prepared.

Phage growth:

- •Spreading 60 ml of the semi-solid culture medium over the solid phase on each tray.
- •Incubating all 25 trays in an industrial incubator at 37°C for 16-18 h, until maximal bacterial lysis is obtained.

Collecting phage lysate:

- •Scrapping the semi-solid composition from each tray
- •Mixing the scraped lysate from each tray with 200 ml of rich medium.
- •Mixing the slurry vigorously (about 300 ml) for 30 seconds
- •Centrifuging the slurry at 11G for 30 min at 4°C.
- •Collecting the supernatant comprising the crude bacteriophage extract
- •Subjecting the pellet to multiple serial extractions.
- $^{\circ}$ Total volume (from 25 trays) of the obtained crude phage extract is about 55 liters at a titer of 10^{12}

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